

HYDROLOGY UNIT INTRODUCTION

Welcome to the Hydrology Trunk. The following pages are filled with water related activities that will lead you and your students on a journey through the water cycle, from the air to watersheds to groundwater and through cave and karst areas. This program will help to develop a broad understanding of the importance of our world's water. The notebook is broken into sections to help organize planning. The activities of each section build upon each other to develop the entire hydrology program or can stand alone to support a study of that individual unit. You can choose all of the activities in a section, or just the ones you feel you have time for or that will work best for your class.



Most of the materials you need have been provided for you in the trunk. Some photocopying may be necessary. In many of the activities there will be water left over when you finish. When this happens, to support water conservation, encourage the students to find ways to reuse it. Please note that liquids such as peppermint extract, coffee grounds, vegetable oil, etc. are non-toxic, but you might not want to use them for water plants.

This program can be completed in four weeks by donating approximately one-hour classroom period each day. Please return the trunk within eight weeks. The concepts in this unit meet the National Science Standards. We hope that you enjoy the program and find it beneficial. We welcome any comments you have.